

PLAGIARISM DETECTION FOR UNDERGRADUATE THESIS USING RABIN-KARP ALGORITHM

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ABSTRAK

Technology in Indonesia is going rapidly, especially to looking for information. The information can be accessed through internet connection wherever and whenever they need. Same with the college student especially for informatics engineering who is looking for information to do the thesis for candidate of bachelor, they have opportunity do the plagiarism by copying another student which has the similar themes. To prevent this problem, there is a need an application to detect plagiarism. Therefore, this study will uses an Exact String Matching method i.e. Rabin-Karp algorithm. Before doing a document processing, data inside the document should be processed by preprocessing where the data which have some high dimension also noise will be processed until become a String which have not noise. Then this String should be checked for plagiarism checking by using Rabin-Karp Algorithm. Thus, by doing this study, the plagiarism behaviour in the university can be decreased.

Kata Kunci : Keywords: Plagiarism, Thesis, Text Mining, String Matching, Rabin-Karp Algorithm

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